Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 20 Mar 2021 until 23:59 on Sunday 21 Mar 2021

Forecast Issued on Saturday 20 Mar 2021 at 01:43

Confidence: High for generally settled conditions through the weekend and a gradual change to more unsettled conditions next week, but lower for cloud amounts and timing of any periods of rain next week.

Headline for Saturday 20 Mar 2021: Mainly dry with sunny spells. Mainly light winds.

Mountain weather hazards on Saturday 20 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Dull	Sunny intervals	Sunny intervals	Sunny intervals	Partly cloudy (night)	Partly cloudy (night)
Precipitation probability					
10%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 20 Mar 2021

Weather: A cloudy start but becoming brighter from the north through the morning, with sunny spells developing. However during the afternoon cloudier conditions return to many western hills. Dry through the evening with clear spells in east but west remaining cloudy.

Chance of cloud free mountain/hill tops above 600m: Around 40% at first rising close to 90% by early afternoon.

Visibility: Occasional or periods of cloud above 450m to 600m at first gradually breaking and lifting to leave just small amounts of cloud above 600-750m across more western hills. Away from cloud visibility good or very good.

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Forecast for Saturday 20 Mar 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/13 W	10/14 W	13/19 W	12/18 W	11/17 W	11/20 NW	8/14 N
300	4/13 NW	4/10 W	10/18 W	9/17 W	6/16 W	10/21 NW	7/15 NW
Valley	1/4 NW	3/7 W	9/16 W	8/15 SW	5/13 W	7/18 N	6/12 N

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/1	5/2	7/4	7/4	6/3	3/-1	3/-0
300	4/2	7/6	10/7	9/7	7/6	5/2	4/2
Valley	5/4	8/7	10/8	10/8	8/7	7/4	6/4
Freezing Level*	1600m	1700m	1700m	1800m	1700m	1400m	1400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling rather cold on the summits despite the sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Sat 20 Mar 2021	0.2mm	0.2mm	0.2mm

Forecast for Sunday 21 Mar 2021

Weather: A rather cloudy but largely dry day, with hill fog through the morning but cloud lifting above the summits during the afternoon.

Maximum wind: Westerly or northwesterly winds generally less than 10mph.

Chance of cloud free mountain/hill tops above 600m: Around 40% through the morning but increasing to 90% or more during the afternoon.

Visibility: Occasional or periods of cloud above 450-600m in the morning gradually breaking and lifting above the summits through the afternoon. Visibility good or very good.

Temperature: **Valleys:** Plus 3 or 4 Celsius rising to plus 11 Celsius
At 600m: Plus 4 or 5 Celsius
Freezing level: Above summits.

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